AUTOMATIC WORK ORDER/PARTS ORDER GENERATION AND TRACKING

ABSTRACT

A process control system uses an asset utilization expert to collect data or
information pertaining to the assets of a process plant from various sources or
functional areas of the plant including, for example, the process control functional
areas, the maintenance functional areas and the business systems functional areas.
This data and information is manipulated in a coordinated manner by tools, such as
optimization and modeling tools and is redistributed to other areas or tools where it is
used to perform overall better or more optimal control, maintenance and business
activities. Information or data may be collected by maintenance functions pertaining
to the health, variability, performance or utilization of a device, loop, unit, etc. and
this information may then be sent to and displayed to a process operator or
maintenance person to inform that person of a current or future problem. An
application, such as a work order generation application, may automatically generate
work orders, parts or supplies orders, etc. based on events occurring within the plant.